

Pre-sterilized Nylon-66 Membrane Disc Filter Type- HNN

Pre-sterilized Nylon-66 Membrane Disc Filter Type HNN

mdi Nylon membrane disc filters are made of Nylon-66 resin. These are hydrophilic, non-media migrating, biologically inert absolute membrane filters useful for aqueous as well as organic solvent filtration. These are HPLC certified to ensure accuracy and reliability of the results besides preventing instrument downtime.

The HNN membranes are produced in validated processes to ensure high inter and intra-lot consistency.

Special Features

- Minimal extractables
- Absolute retention
- High heat resistance
- Wide chemical compatibility
- Absolute reliability
- Biologically inert
- Hydrophilic

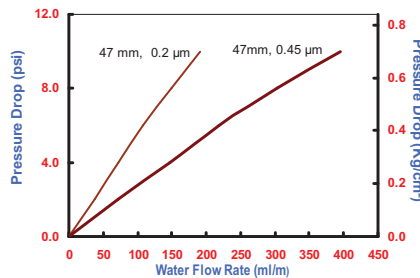
Applications

- ◆ Water Microbiology
- ◆ Product Microbiology

Integrity Test Data (Bubble Point, Water Wetted)

Pore Size	Bubble Point (Water)
0.2 µm	≥ 50 psi (3.52 Kg/cm ²)
0.45 µm	≥ 32 psi (2.25 Kg/cm ²)

Water Flow Rate



Specification

Material of Construction
Nylon-66 polymer

Pore Size
0.2 µm, 0.45 µm

Thickness
150 ± 20 µm

Wettability
Hydrophilic

Bacterial Retention
0.2µm: LRV > 7 for B. diminuta as per cm² of filter area
0.45µm: LRV > 7 for S. marcescens per cm² of filter area

Maximum Operating Temperature
≤ 80 °C continuous

Sterilization
By Gas: Pre-sterilized with EO
By Autoclave: Autoclavable at 121°C for 30 minutes

Biosafety
Passes the biological tests for Class VI of plastics as described in USP

Fiber Release
Passes test as per USP and comply with USFDA 21 CFR Part 210.3(b)(6) for fiber release

Particle Release:
The filtrate complies with USP <788> test for particulate matter in injectables

Oxidizable Matter
Passes test as per USP

Extractables with Water
Within limits as specified in USP

Ordering Information

Type	Size		Pore Size		XX	XX	Sterility		Pack Size		
	Code	Dia	Code	Code			Code	Qty	Code		
HNN	HNNX	47 mm	09	0.2 µm	01		EO Sterile	2	100	04	
				0.45 µm							02
Example											
	HNNX		09		01	XX	XX		2		04